

REMARKS

With entry of this amendment, claims 52-65 are under examination. Claims 52, 54-58 and 61-65 are amended. Support for the amendments can be found throughout the specification. No new matter has been added. Reconsideration is respectfully requested.

Applicants appreciate the courtesy and consideration extended by Examiner Qian in the telephonic interview held June 14, 2005 between the Examiner and the undersigned. During the interview, the Examiner indicated that claim 63 was acceptable. She also suggested the addition of the term "further" to claims 54-58 and 61-65 for clarity.

Applicants thank the Examiner for her indication that claims 52-55, 59-61, 64 and 65 are allowed.

Claims 56-58, 62 and 63 were rejected under 35 USC § 112, first paragraph for lack of enablement. The Examiner indicated in the telephonic interview that claim 63 was acceptable. Claim 62 has been amended to state that the mouse is "unresponsive" to a cell wall fraction of gram positive bacteria. Support for this amendment can be found in "5-9 (Responsiveness to peptidoglycan)" of Example 5 as follows:

"Thus, TLR4-deficient mice showed almost the same response to PGN of Staphylococcus aureus as wild-type mice, while MyD88-deficient mice showed no responsiveness." (page 46)

Support can also be found in "5-10 (Responsiveness to lipoteichoic acid)" of Example 5 as follows:

"This indicates that MyD88-deficient mice are unresponsive to stimulation from LTA of Streptococcus pneumoniae." (page 47)

Reconsideration and withdrawal of the rejection of claim 62 are respectfully requested.

Claims 56-58 were rejected because the Examiner believes that the recited phenotype for a mouse having a homozygous disruption of MyD88 protein was not disclosed in the specification. Claims 56-58 have been amended to recite "further" as suggested by the Examiner

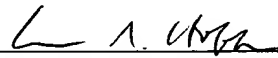
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in order to clarify the invention. Reconsideration and withdrawal of the rejection are respectfully requested.

All rejections having been addressed, it is respectfully submitted that the application is in condition for allowance, and Notice to that effect is respectfully requested. If any matters remain in the application that might be resolved by a telephone interview, the Examiner is urged to telephone the undersigned.

Respectfully submitted,

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